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Type: _____
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Project: _____

IntelliPower Data Filter

Upstream, UL

POWER/DATA SUPPLY

Eliminates noise between the line power source and the Data Enabler IntelliPower

IntelliPower employs an innovative implementation of proven power line carrier technology to send high-bandwidth control data to fixtures over standard 2 + ground wiring, enabling the integration of intelligent LED lighting solutions into existing power systems. By leveraging existing electrical and physical infrastructures, IntelliPower technology lets you affordably install dynamic, digitally controllable LED lighting where it was never possible before. Upstream Data Filters IntelliPower are positioned on the input power stream between the electrical source and Data Enabler IntelliPower devices to eliminate noise and interference from neighboring networks and other sources.



- Flexible configurations — You can install IntelliPower devices in virtually any configuration to support the full range of lighting design needs. You can use multiple IntelliPower devices on a branch to connect individual LED luminaires in situations where you cannot lay new cable. You can send the same data stream to multiple Data Enabler IntelliPower devices to control luminaires on multiple branches from a single control source.
- Universal power input range — IntelliPower devices accept a universal power input range of 100 to 277 VAC for consistent installation and usage anywhere in the world.
- Outdoor rated — Data Filters IntelliPower are fully sealed and IP66-rated for outdoor applications.

For more information, please refer to <https://www.colorkinetics.com/global/products/pds/datafilterintellipower>

Specifications

Due to continuous improvements and innovations, specifications may change without notice.

Electrical

Input Voltage	100 to 277 VAC, auto-ranging, 50/60 Hz*
Load Current	16 A maximum

Connections

Threaded Openings	0.75 in NPT (UL/cUL), M25 (CE)
Power Input	2-wire PC terminal block connector†
Power Output	2-wire PC terminal block connector†

* Verify that the line voltage is appropriate for the luminaires in your installation. See a specific luminaire's documentation for supported line voltages.

† PC terminal block connectors accept recommended wire sizes from 8.37 to 0.823 mm² (8 to 18 AWG).

Physical

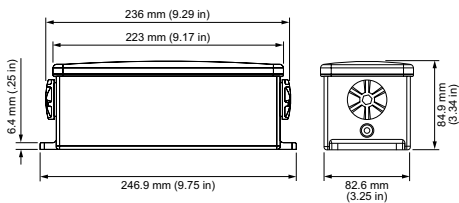
Dimensions (Height x Width x Depth)	85 x 247 x 83 mm (3.3 x 9.7 x 3.2 in)
Weight	1.5 kg (3.2 lb)
Construction	NEMA 4X-rated cast aluminium enclosure with slots for surface mounting
Finish	Powder-coated industrial gray matte
Operating Temperature	-40 to 50 °C (-40 to 122 °F)
Startup Temperature	-20 to 50 °C (-20 to 122 °F)
Storage Temperature	-40 to 80 °C (-40 to 176 °F)
Humidity	0 to 95%, non-condensing
Cooling	Convection
Heat Dissipation	9 W

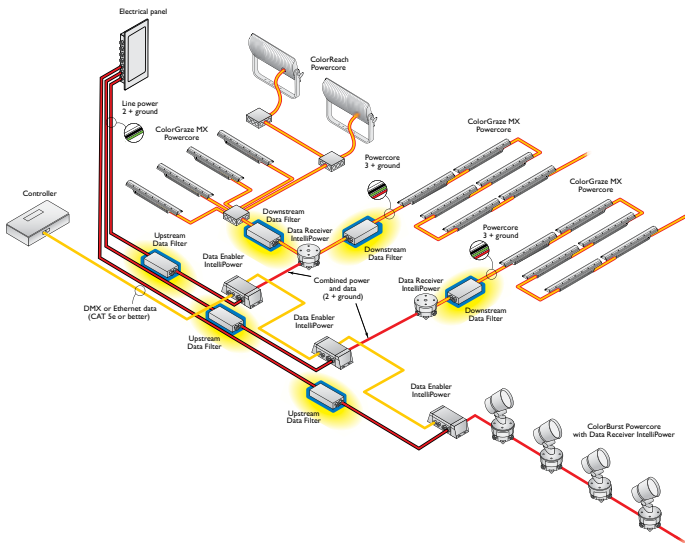
Certification and Safety

Certification	UL/cUL
Environment	Dry/Damp/Wet Location, IP66



Dimensions





Part Numbers

Power/Data Supply

IntelliPower Data Filter, *Upstream, UL*
 Data Filter IntelliPower, *Installation Instructions*

Item Number
 106-000012-00

Item 12NC
 912400130334



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Color Kinetics
www.colorkinetics.com